



**MAIL STOP PCT**

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Docket No. 288649US0PCT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Chiho ITOU, et al.

SERIAL NO: 10/573,158

GAU:

FILED: March 23, 2006

EXAMINER:

FOR: CATAPHORESIS APPARATUS, CATAPHORESIS METHOD, AND DETECTION METHOD FOR ORGANISM-RELATED MATERIAL USING THE APPARATUS AND THE METHOD

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97**

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

**REFERENCES**

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**RELATED CASES**

- ☐ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**CERTIFICATION**

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

**DEPOSIT ACCOUNT**

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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Form PTO 1449  
(Modified)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.  
288649US0PCTSERIAL NO.  
10/573,158

## LIST OF REFERENCES CITED BY APPLICANT

APPLICANT  
Chiho ITOU, et al.FILING DATE  
March 23, 2006

GROUP

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	5 445 934	8/29/1995	FODOR, Stephen P. A. et al.			
	AB	5 774 305	6/30/1998	BOUTAGHOU, Zine-Eddine			
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AO	2002-191397	7/9/2002	JP		NO
	AP	2000-60554	2/29/2000	JP(equivalent of US 6 183 970 & US 6 514 702)		NO
	AQ	2003-520961	7/8/2003	JP(equivalent of WO 01/53817 & US 2003-138774)		NO
	AR	5-256820	10/8/1993	JP		NO
	AS	60-98348	6/1/1985	JP(equivalent of GB 2 148 325)		NO
	AT	2004-219103	8/5/2004	JP		NO
	AU	2000-270878	10/3/2000	JP(with English abstract)		NO
	AV	2000-060554	2/29/2000	JP(with English abstract)		NO

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AW	GURTNER, Christian et al., "Microelectronic array devices and techniques for electric field enhanced DNA hybridization in low- conductance buffers", Electrophoresis, Vol. 23, No. 10, Pages 1543-1550, 2002.				
	AX	HELLER, Michael J. et al., "Active microelectronic chip devices which utilize controlled electrophoretic fields for multiplex DNA hybridization and other genomic applications", Electrophoresis, Vol. 21, No. 1, Pages 157-164, 2000.				
	AY	SCHENA, Mark et al., "Quantitative Monitoring of Gene Expression Patterns with a Complementary DNA Microarray", Science, Vol. 270, No. 5235, Pages 467-470, October 20, 1995.				
	AZ					<input type="checkbox"/> Additional References sheet(s) attached

Examiner

Date Considered

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



U.S. PCT Application Serial No: 10/573,158

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Chiho ITOU, et al.

Docket No. 288649 US

#### STATEMENT OF RELEVANCY

- 1) References AO - AT & AW - AX have been cited in the International Search Report. A copy of these references is being submitted herewith.
- 2) References            have been cited in the corresponding            Search Report. A copy of these references is being submitted herewith.
- 3) References AA - AB, AU - AV & AY are discussed in the specification. A copy of these references is being submitted herewith.
- 4) References            are additional prior art known to Applicant. A copy of these references is being submitted herewith.